

Peak District National Park

Forecast valid from 06:00 on Thursday 02 Sep 2021 until 23:59 on Friday 03 Sep 2021

Forecast Issued on Thursday 02 Sep 2021 at 03:12

Confidence: High for generally settled conditions approaching the weekend, but moderate through Sunday and Monday due to forecast development of more unsettled conditions.

Headline for Thursday 02 Sep 2021: A cloudy start, but brighter with perhaps sunny spells later.

Mountain weather hazards on Thursday 02 Sep 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Dull	Dull	Cloudy	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
10%	<05%	00%	00%	00%	<05%

Forecast for Thursday 02 Sep 2021

Weather: A generally cloudy start, with cloud obscuring highest tops, bringing a low risk of some light rain or drizzle. Some brighter periods developing by the afternoon, as cloud continues to thin and break in places, along with some brief sunny spells. Cloud then developing again from the west through the evening, although it is likely to remain dry.

Chance of cloud free mountain/hill tops above 600m: 20% at first, becoming 90% through the day, then reducing to 20% again later.

Visibility: Poor or very poor at first in any rain, or drizzles, with cloud obscuring summits above 300m in places. Cloud lifting and thinning with visibility becoming generally good or very good through the day, Falling again to but poor or very poor later as further cloud develops, with patches possible around 400m.

Forecast for Thursday 02 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/21 NE	18/24 NE	16/24 NE	16/24 NE	16/23 NE	18/26 NE	16/23 NE
300	9/12 NE	12/18 NE	12/19 NE	12/19 NE	11/17 NE	10/16 NE	9/15 NE
Valley	6/13 NE	9/18 NE	9/19 E	10/19 E	8/17 NE	7/17 E	6/15 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	9/6	12/8	13/10	12/9	10/6	9/6
300	11/9	12/10	14/12	16/14	15/13	12/11	12/10
Valley	12/11	13/11	16/14	18/16	16/15	13/12	12/11
Freezing Level*	2500m	2500m	2500m	2500m	2500m	2500m	2400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Some uncertainty with regard the speed of cloud breaking up through the morning, but western areas are likely to see the quickest improvements. The sun remains strong even as we come towards the end of summer with Moderate UV likely in any persistent sunshine into the afternoon

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 02 Sep 2021	0.6mm	1.2mm	1.4mm

Forecast for Friday 03 Sep 2021

Weather: A cloudy start again, but this retreating eastwards through the morning, although perhaps persisting over east facing slopes into the afternoon. Further west, thinning cloud should lead to some brighter periods and short spells of sunshine. Patchy cloud then possible overnight.

Maximum wind: East 10-20 mph.

Chance of cloud free mountain/hill tops above 600m: 60% at first, reducing to 10% for most during the day, then 60% through the evening.

Visibility: Poor or very poor at times, with cloud obscuring routes above 300m. This lifting and thinning throughout the day, to become generally good or very good visibility, but with occasional patches down to 400m in the west

Temperature: **Valleys:** Plus 13 Celsius becoming plus 17 Celsius.
At 600m: Plus 9 Celsius becoming plus 12 Celsius.
Freezing level: Above the summits